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ASSISTANT COMMISSIONER FOR PATENTS
BOX PATENT APPLICATION
Washington, D.C. 20231

Attorney Docket No. 18547-043220US

"Express Mail" Label No. EM530421399US

Date of Deposit: September 1, 2000

Box Patent Application
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:
Transmitted herewith for filing under 37 CFR 1.53(b) is the
☐ patent application of
☒ continuation patent application of
☐ divisional patent application of
☐ continuation-in-part patent application of

Inventor(s)/Applicant Identifier: Michael C. Pirrung, Lubert Stryer, Stephen P.A. Fodor and J. Leighton Read

For: ARRAYS AND PHOTOLITHOGRAPHIC MEANS FOR THEIR MANUFACTURE (AS AMENDED)

- ☒ This application claims priority from each of the following Application Nos./filing dates:
09/557,875, filed April 24, 2000; 09/056,927, filed April 8, 1998; 08/670,118, filed June 25, 1996; 08/168,904, filed December 15, 1993; 07/624,114, filed December 6, 1990; 07/362,901, filed June 7, 1989; 08/348,471, filed November 30, 1994; 07/805,727, filed December 6, 1991 and 07/492,462, filed March 7, 1990
the disclosure(s) of which is (are) incorporated by reference.
- ☒ Please amend this application by deleting the first paragraph and substitute therefor: --The present application is a continuation of 09/557,875, filed April 24, 2000, which is a continuation of 09/056,927 filed April 8, 1998, which is a continuation of 08/670,118 filed June 25, 1996, now U.S. Patent No. 5,800,992, which is a divisional of 08/168,904 filed December 15, 1993, which is a continuation of 07/624,114, filed December 6, 1990. The present application is also a continuation-in-part of USSN 07/362,901, filed June 7, 1989. This application is also a continuation-in-part of USSN 08/348,471 filed November 30, 1994, which is a continuation of USSN 07/805,727 filed December 6, 1991 (now U.S. Patent No. 5,424,186), which is a continuation-in-part of USSN 07/492,462, filed March 7, 1990 (now U.S. Patent No. 5,443,854). Additional commonly assigned applications Barrett et al., U.S.S.N. 07/435,316 (caged biotin parent), filed November 13, 1989; and Barrett et al. U.S.S.N. 07/612,671 (caged biotin CIP) filed November 13, 1990 are also incorporated herein by reference. Additional applications Pirrung et al., U.S.S.N. 07/624,120 (now abandoned) a divisional of which has issued as US 5,744,101 and Dower et al., U.S.S.N. 07/626,730 (now US 5,547,839), which are also commonly assigned are also hereby incorporated herein by reference.--

Enclosed are:

- ☒ 203 page(s) of specification
☒ 28 page(s) of claims
☒ 1 page of Abstract
☒ 27 sheet(s) of ☐ formal ☒ informal drawing(s).
☒ A ☒ signed ☐ unsigned Declaration & Power of Attorney
☒ Title Page
☒ Preliminary Amendment
☒ Return postcard

| | (Col. 1) | (Col. 2) |
|---|-----------|-----------|
| FOR: | NO. FILED | NO. EXTRA |
| BASIC FEE | | |
| TOTAL CLAIMS | 41 - 20 | = *21 |
| INDEP. CLAIMS | 5 - 3 | = *2 |
| <input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENTED | | |

* If the difference in Col. 1 is less than 0, enter "0" in Col. 2.

| SMALL ENTITY | |
|--------------|----------|
| RATE | FEE |
| | \$345.00 |
| x \$9.00 = | |
| x \$39.00 = | |
| + \$130.00 = | |
| TOTAL | |

| OTHER THAN SMALL ENTITY | |
|-------------------------|------------|
| RATE | FEE |
| | \$690.00 |
| x \$18.00 = | \$378.00 |
| x \$78.00 = | \$156.00 |
| + \$260.00 = | |
| TOTAL | \$1,224.00 |

Please charge Deposit Account 0-1430 as follows:

☒ Filing fee

\$ 224.00

☒ Any additional fees associated with this paper or during the pendency of this application.

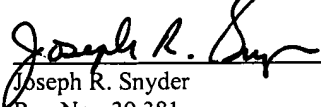
☐ The issue fee set in 37 CFR 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 CFR 1.311(b)

☐ A check for \$ is enclosed.
2 extra copies of this sheet are enclosed.

Respectfully submitted,
TOWNSEND and TOWNSEND and CREW LLP

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PATENT
Attorney Docket No.: 018547-043220US

Box Patent Application
Assistant Commissioner for Patents
Washington, D.C. 20231

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Michael C. Pirrung *et al.*

Application No.: Not yet Assigned

Filed: Herewith

For: ARRAYS AND
PHOTOLITHOGRAPHIC MEANS FOR
THEIR MANUFACTURE (AS
AMENDED)

Examiner: Not Yet Assigned

Art Unit: Not Yet Assigned

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Prior to examination of the above-referenced application and calculation of the filing fee, please enter the following amendments and remarks.

IN THE TITLE:

Please delete the current title and substitute therefor:

-- ARRAYS AND PHOTOLITHOGRAPHIC MEANS FOR THEIR
MANUFACTURE --

IN THE CLAIMS:

Please cancel claims 1-171 without prejudice.

Please add the following new claims 172-212:

--172. (New) A substrate with a surface comprising a plurality of polypeptides with different, known sequences bound to the surface in discrete known